PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE ar the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 10/519.183 TRANSMITTAL Filing Date December 21, 2004 First Named Inventor **FORM** Sissy M. Jhiang Art Unit To Be Determined **Examiner Name** To Be Determined (to be used for all correspondence after initial filing) Attorney Docket Number 22727/04288 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition Amendment/Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Proprietary Information After Final Provisional Application Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Identify Terminal Disclaimer Extension of Time Request below): Request for Refund **Express Abandonment Request** CD, Number of CD(s) Information Disclosure Statement Landscape Table on CD Remarks Certified Copy of Priority Document(s) Return receipt postcard Form PTO/SB/08A and 08B (eight pages) Reply to Missing Parts/ Fifty-five documents Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Calfee, Halter & Griswold LLP Signature Printed name Date Reg. No. November 17, 2005 42,920 **CERTIFICATE OF TRANSMISSION/MAILING**

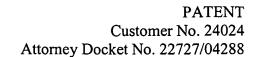
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Date November 17, 2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Jhiang et al.) Group Art Unit: To Be Determined
Application No.: 10/519,183) Examiner: To Be Determined
Filed: December 21, 2004) Attorney Docket No.: 22727/04288
For: Modified Sodium Iodide Symporter Proteins and Genes for Imaging And Cancer Therapy)))
Mail Stop Amendment	
Commissioner For Patents	
P.O. Box 1450	
Alexandria, VA 22313-1450	

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 CFR §§ 1.56 and 1.97(b), Applicants brings to the attention of the Examiner the documents listed on the attached PTO/SB/08A and PTO/SB/08B. This Information Disclosure Statement is being filed before the receipt of a First Office Action. Under the provisions of 37 C.F.R. § 1.97(b), no fee is due.

Copies of the non-U.S. patent listed documents are attached. Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute

Application No. 10/519,183 Attorney Docket No. 22727/04288

Information Disclosure Statement

"prior art" under United States law, Applicants reserve the right to present to the office the

relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability

of the disclosed invention over the listed documents, should one or more of the documents be

applied against the claims of the present application.

If there is any fee due in connection with the filing of the Statement, please charge the fee

to our deposit account number 03-0172.

Respectfully submitted,

Date: 17,2005

Sean C. Myers-Payne

Reg. No. 42,920

Phone: (614) 621-7754 Fax: (614) 621-0010

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PTO/SB/08A (08-03)

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Application Number 10/519,183
Filing Date December 21, 2004
First Named Inventor Sissy M. Jhiang
Art Unit To Be Determined
Examiner's Name To Be Determined
Attorney Docket Number 22727/04288

		U.S	. PATENT DOCUMEN	ITS		
Examiner Cite		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No. 1	Number-Kind Code ² (if known) -	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
		US-6,391,579	05-21-2002	Carrasco et al.		
		US-6,238,644	05-29-2001	Rillema		
		US-6,015,376	01-18-2000	Ain et al.		
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	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶				
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Sheet	2	of	8	Attorney Docket Number	22727/04288

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published	T ²
	,	BARTH RF et al. "Boron neutron capture therapy of brain tumors: enhanced survival and cure following blood-brain barrier disruption and intracarotid injection of sodium borocaptate and boronophenylalanine", Int. J. Radiat. Oncol. Biol. Phys. 2000; 47: 209-218.	
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Sheet	3	of	8	Attorney Docket Number	22727/04288

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published	T ²
		CLENDENON NR et al. "Boron neutron capture therapy of a rat glioma", Neurosurgery 1990; 26: 47-55.	,
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Signature	Considered	

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Sheet	4	of	8	Attorney Docket Number	22727/04288

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		JHIANG SM <i>et al.</i> "An immunohistochemical study of Na ⁺ /I ⁻ symporter in human thyroid tissues and salivary gland tissues", <u>Endocrinology</u> 1998; 139 : 4416-4419.	
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		LA PERLE KM <i>et al.</i> "Effect of Exogenous Human Sodium lodide Symporter Expression on Growth of MATLyLu Cells", <u>Thyroid</u> 2003; 13 : 133-140.	
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		MILLER DA and ROSMAN GJ. "Improved retroviral vectors for gene transfer and expression", BioTechniques 1989; 7: 980-990.	
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		SHEN DHY et al. "Effects of dose, intervention time, and radionuclide on sodium iodide symporter (NIS)-targeted radionuclide therapy", Gene Therapy 2004; 11: 161-169.	
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				Application Number	10/519,183	
INFORM	IATION DIS	SCLOS	SURE	Filing Date	December 21, 2004	
STATEMENT BY APPLICANT			ANT	First Named Inventor	Sissy M. Jhiang	
				Art Unit	To Be Determined	
(Us	e as many sheet	s as nece	ssary)	Examiner's Name	To Be Determined	
Sheet	8	of	8	Attorney Docket Number	22727/04288	

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